

# TEST REPORT

**Product Name : Body Scale**  
**Model Number : WW927Z**  
**FCC ID : DJT-WW927Z**

Prepared for : Conair LLC.  
Address : 1 Cummings Point Rd. Stamford, Connecticut, United States

Prepared by : EMTEK (DONGGUAN) CO., LTD.  
Address : -1&2/F.,Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshanhu High-technology Industrial Development Zone, Dongguan, Guangdong, China

TEL: +86-0769-22807078  
FAX: +86-0769-22807079

Report Number : EDG2305160041E00102R  
Date(s) of Tests : May 16, 2023 to May 26, 2023  
Date of issue : May 26, 2023

## Table of Contents

1. TEST RESULT CERTIFICATION .....	3
2. EUT SPECIFICATION .....	5
3. TEST REQUIREMENT .....	6
RF EXPOSURE EVALUATION .....	6
4. MEASUREMENT RESULT .....	7



## 1. TEST RESULT CERTIFICATION

Applicant : Conair LLC.  
 Address : 1 Cummings Point Rd. Stamford, Connecticut, United States  
 Manufacturer : Ningbo Jinchen Electronics Co.,Ltd  
 Address : 5 floor 4Building no.555 huishi Road guangshen village,jishigang haishu ningbo Zhejiang province  
 EUT : Body Scale  
 Model Name : WW927Z  
 Trademark : N/A

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
§ 15.247(i), § 2.1093	PASS

The above equipment was tested by EMTEK(DONGGUAN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules FCC § 15.247(i), § 2.1093.

The test results of this report relate only to the tested sample identified in this report

Date of Test : January 16, 2023 to March 6, 2023

Warren Deng

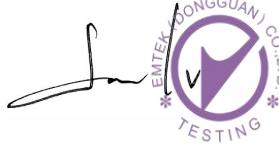
Prepared by :

Warren Deng /Editor

Tim Dong

Reviewer :

Tim Dong/ Supervisor



Approve & Authorized Signer :

Sam Lv / Manager

## Modified History

Version	Report No.	Revision Date	Summary
	EDG2305160041E00102R	/	Original Report



## 2. EUT Specification

Characteristics	Description
<b>Product:</b>	Body Scale
<b>Model Number:</b>	WW927Z
<b>Sample:</b>	2#
<b>Device Type:</b>	Bluetooth V5.3
<b>Data Rate:</b>	1Mbps
<b>Modulation:</b>	GFSK
<b>Operating Frequency Range(s) :</b>	2402-2480MHz
<b>Number of Channels:</b>	40 Channels
<b>Transmit Power Max:</b>	-2.67 dBm(0.000541W)
<b>Antenna Gain:</b>	-0.58 dBi
<b>Power supply:</b>	DC 3.3V from Battery
<b>Evaluation applied:</b>	<input type="checkbox"/> MPE Evaluation <input checked="" type="checkbox"/> SAR Evaluation

### 3. Test Requirement

## RF EXPOSURE EVALUATION

According to §15.247(i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances*  $\leq 50$  mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})]^{1/2}$  where

- $f_{(\text{GHz})}$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation<sup>25</sup>
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum *test separation distance* is  $\leq 50$  mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum *test separation distance* is  $< 5$  mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

Routine SAR evaluation refers to that specifically required by § 2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to qualify for TCB approval.

One antenna is available for the EUT. The minimum separation distance is 5mm.

## 4. Measurement Result

Antenna gain:-0.58 dBi

BT

Transmit Frequency(MHz)	Mode	Measured Power(dBm)	Tune upPower(dBm)	Max tune up power(dBm)	Calculation Result	1-g SAR
2402	GFSK	-4.93	-5±1	-4	0.1234004	3
2441	GFSK	-3.78	-4±1	-3	0.1565759	3
2480	GFSK	-2.67	-3±1	-2	0.1987265	3

According to KDB 447498, no stand-alone required for BLE antenna, and no simultaneous SAR measurement is required.

\*\*\* End of Report \*\*\*